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DEC 16 2005

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7590

11/03/2005

GARY L. LOSER
 VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.
 35 DORY ROAD
 GLOUCESTER, MA 01930

12/19/2005 RMEBRAH1 00000005 500896 09996446

01 FC:1501 1400.00 DA
 02 FC:1504 300.00 DA
 03 FC:8001 30.00 DA

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Janine Canillas	(Depositor's name)
Janine Canillas	(Signature)
12/14/05	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/996,446	11/28/2001	Daniel F. Downey	VRO-004.01	2412

TITLE OF INVENTION: ATHERMAL ANNEALING WITH RAPID THERMAL ANNEALING SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/03/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOLLINGTON, JERMELE M	2829	438-530000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Varian Semiconductor
 Equipment Associates, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Gloucester, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0896 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Mark Superko

Date

12/14/05

Typed or printed name

Mark Superko

Registration No.

391027

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DOCKET NO: VSEA 02-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel F. Downey
Serial No: 09/996,446
Confirmation No: 2412
Filed: November 28, 2001
For: ATHERMAL ANNEALING WITH RAPID THERMAL
ANNEALING SYSTEM AND METHOD
Examiner: Jermele M. Hollington
Art Unit: 2829

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 14th day of December, 2005.



Janine Camillas

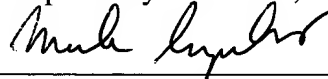
Mail Stop Issue Fee
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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are: Issue Fee Transmittal, Part B; and Return Receipt Postcard.

If the enclosed papers are considered incomplete, it is respectfully requested that the undersigned attorney be contacted at 978-282-5915. All required fees may be charged to Deposit Account No. 50-0896. A duplicate of this sheet is enclosed.

Respectfully submitted,



Mark A. Superko
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